

Claims

- [1] A head end comprising a low noise converter for providing signal bands including channels to one or more user units, characterized in that the low noise converter is arranged as a low noise channel converter, which includes frequency multiplexing means for multiplexing one or more user pre-selected channels to the user units.
- [2] The head end according to claim 1, characterized in that the head end comprises local oscillator means coupled to the low noise channel converter.
- [3] The head end according to claim 2, characterized in that the local oscillator means are arranged for providing a variable local oscillator frequency.
- [4] The head end according to claim 2 or 3, characterized in that the local oscillator means comprise one or more phase locked loops.
- [5] A satellite receiver system comprising a head end according to one of the claims 1-4, characterized in that the satellite receiver system further comprises one or more user units coupled to the low noise channel converter.
- [6] The satellite receiver system according to claim 5, characterized in that the coupling between the low noise channel converter and the user units contains a single communication medium, generally a coaxial cable.
- [7] The satellite receiver system according to claim 5 or 6, characterized in that the satellite receiver system comprises local oscillator means coupled to the low noise channel converter.
- [8] The satellite receiver system according to claim 7, characterized in that the local oscillator means are arranged for providing a variable local oscillator frequency.
- [9] The satellite receiver system according to claim 8, characterized in that the local oscillator means comprise one or more phase locked loops.
- [10] A satellite receiver system according to one of the claims 5-9, characterized in that the head end includes a combining circuit, and that the satellite receiver system further comprises a parallel arrangement of one or more further low noise channel converters coupled to the combining circuit.
- [11] The satellite receiver system according to claim 10, characterized in that each further low noise channel converter is provided with further local oscillator means for tuning on individual user pre-selected receiving channels.